

10/730270

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1721738	CAR VEHICULAR auto automotive automobile traffic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:12
L2	81659	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:12
13	14486	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:13
L4	41818	(target or object) same (discriminate discriminating discrimination discriminated discriminator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:14
L5	1061	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:14
L6	4998311	(radar adj cross section) or "RCS" or (radar adj cross-section)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:15
L7	567	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:15
L8	55 <del>44</del> 07	(intensity or power or amplitude or peak) same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:16

L9	237	7 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:19
L10	754872	human	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:19
L11	66	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:20
L12	3203	((342/70) or (342/71) or (342/72) or (342/27) or (342/28) or (342/90) or (342/159) or (342/162) or (342/192) or (342/195) or (342/196)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/01/06 13:31
Ł13	2642	12 and @ad<"20021210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 13:32

### SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10730270

EAST: search history attached

Search terms:

radar <and> (vehicular <or> automotive) <and> RCS

# 1 Physical optics models for the backscatter response of road-surface faults and roadside pebbles at millimeter-wave frequencies

Li, E.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 51 , Issue: 10 , Oct. 2003

Pages: 2862 - 2868

### 2 Tunable radar absorbers using frequency selective surfaces

Chambers, B.; Ford, K.L.;

Antennas and Propagation, 2001. Eleventh International Conference on (IEE Conf.

Publ. No. 480), Volume: 2, 17-20 April 2001

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### 3 Tunable single layer phase modulated radar absorber

Ford, K.L.; Chambers, B.;

Antennas and Propagation, 2001. Eleventh International Conference on (IEE Conf.

Publ. No. 480), Volume: 2, 17-20 April 2001

Pages:588 - 592 vol.2

## 4 Polarimetric characterization of debris and faults in the highway environment at millimeter-wave frequencies

Sarabandi, K.; Li, E.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 48 , Issue: 11 , Nov.

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## 5 Circular polarization diversity with passive reflectors in indoor radio channels

Kajiwara, A.;

Vehicular Technology, IEEE Transactions on , Volume: 49 , Issue: 3 , May 2000

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#### 6 Test systems for automotive radar

Abou-Jaoude, R.; Grace, M.;

Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo. 2000

IEEE 51st , Volume: 1 , 15-18 May 2000

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### 7 Effect of radar polarizations on detectability of debris on roads at millimeter-wave frequencies

Sarabandi, K.; Li, E.S.;

Antennas and Propagation Society International Symposium, 1999. IEEE, Volume: 4, 11-16 July 1999

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## 8 Polarimetric radar measurements for vehicle control and warning applications

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Search terms: radar <and> (vehicular <or> automotive) <and> human

### 1 Building safer cars

Jones, W.D.;

Spectrum, IEEE, Volume: 39, Issue: 1, Jan. 2002

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## 2 A new driving supporting system, integrating an infrared camera and an anti-collision micro-wave radar: the EUCLIDE project

Andreone, L.; Tango, F.; Scheunert, U.; Cramer, H.; Wanielik, G.; Amditis, A.; Intelligent Vehicle Symposium, 2002. IEEE, Volume: 2, 17-21 June 2002 Pages: 519 - 526 vol.2

### **3 Ground surveillance radar for perimeter intrusion detection**

Barry, A.S.; Czechanski, J.;

Digital Avionics Systems Conferences, 2000. Proceedings. DASC. The 19th , Volume: 2 , 7-13 Oct. 2000

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# 4 Polarimetric radar measurements for vehicle control and warning applications

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## 5 Proceedings of the IEEE 1996 National Aerospace and Electronics Conference NAECON 1996

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### 6 Intelligent technologies of Honda ASV

Kamiya, H.; Fujita, Y.; Tsuruga, T.; Nakamura, Y.; Matsuda, S.; Enomoto, K.; Intelligent Vehicles Symposium, 1996., Proceedings of the 1996 IEEE, 19-20 Sept. 1996

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#### 7 Automotive radars-development status

Dixit, R.;

Microwave Symposium Digest, 1996., IEEE MTT-S International , Volume: 1 , 17-21 June 1996

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### 8 Propagation measurements using synthetic aperture radar techniques

Brook, T.; Driessen, P.F.; Kirlin, R.L.;

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### 9 Vehicle collision warning and avoidance system using real-time FFT

Flikkema, P.G.; Johnson, S.G.;

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### 10 Introduction of the Mazda Advanced Safety Vehicle

Butsuen, T.; Yoshioka, T.; Okuda, K.;

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## 11 A novel direct sequence spread spectrum automatic vehicle identification system

Hamant, B.; Kamali, B.;

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### 12 A scanning lidar system for obstacle avoidance in automotive field

Najmi, A.; Mahrane, A.; Esteve, D.; Vialaret, G.;

Control Applications, 1994., Proceedings of the Third IEEE Conference on , 24-26

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### 13 Early history of the OSU ElectroScience Laboratory

Sinclair, G.;

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, Issue: 2 , Feb 1985

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